AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1 through 15 (Cancelled).

16. A graphical user interface for a device for treatment of blood comprising:

a controller for the device generating a pictogram to be displayed;

the pictogram on the display shows alternatively a side view and a front view of the device depending on the location of an element of the fluid path that requires user attention.

17. A graphical user interface as in claim 16 wherein the pictogram flashes in alternating colors designating a location of a bloodline where the leakage of blood was detected by analysis of pressure.

18. A graphical user interface as in claim 16 wherein the pictogram flashes in alternating colors at a location of a bloodline where an occlusion of blood path is detected.

19. A graphical user interface as in claim 16 wherein the pictogram flashes in alternating colors a location of a bloodline where leakage of blood is detected.

20. A graphical user interface as in claim 16 wherein the pictogram flashes in alternating colors a location of a bloodline where a leakage of blood is detected by analysis by the controller of pressure between the patient blood withdrawal catheter and blood filter.

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21. A graphical user interface as in claim 16 wherein the pictogram flashes in alternating colors a location of the bloodline where a leakage of blood was detected by analysis by the controller of pressure between a patient blood withdrawal catheter and a blood filter.

22. A graphical user interface as in claim 16 wherein the pictogram flashes in alternating colors to designate a location of a bloodline where an occlusion of a blood path is analyzed by the controller of pressure between a patient blood withdrawal catheter and a blood filter.

23. A graphical user interface as in claim 16 wherein the pictogram flashes in alternating color a location of the bloodline where an occlusion of bloodline is detected by analysis by the controller of pressure between a blood filter and a patient blood withdrawal catheter.

24. A graphical user interface as in claim 16 wherein the pictogram flashes a symbol of a blood roller pump when a pump jam is detected by the controller analyzing electric current through a pump motor of the device.

25. A graphical user interface as in claim 16 wherein the pictogram flashes a symbol of a blood roller pump if occlusion of the blood filter is detected by the controller analyzing electric current through a pump motor of the device.

26. A graphical user interface as in claim 16 wherein the device is an ultrafiltration device.

27. A method for detecting a connection of an external sensor to a device having a controller electrically connected to a sensor coupling, said method comprising:

      a.   applying a voltage potential to a pull-up resistor electrically in the device and connected to the sensor coupling;

      b.   determining that the sensor is connected to the device if the applied voltage drops below a predetermined level, and

      c.   determining that the sensor is not connected if the applied voltage level remains above the predetermined level.

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